

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

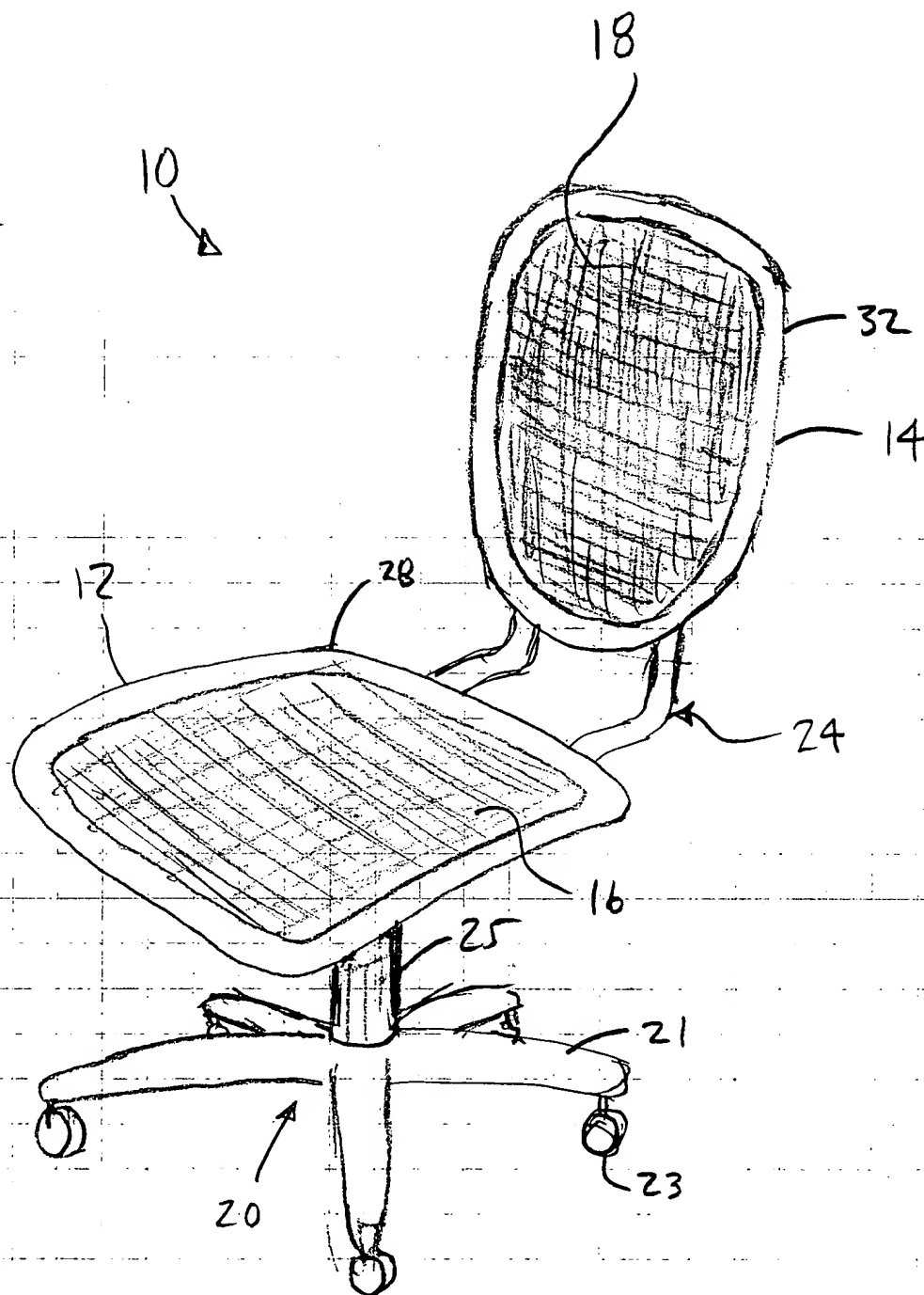


Fig. 1

FIG. 1

REV		ECH		DESCRIPTION		DATE	BY
1							
2							
3							
4							

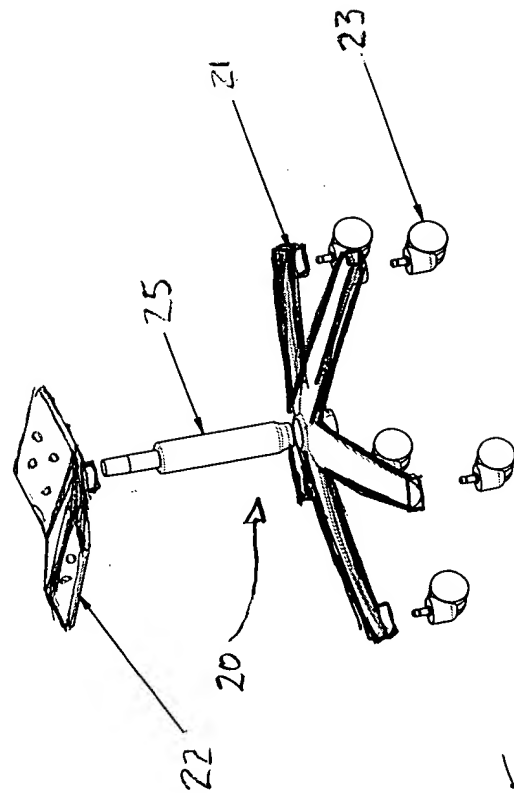
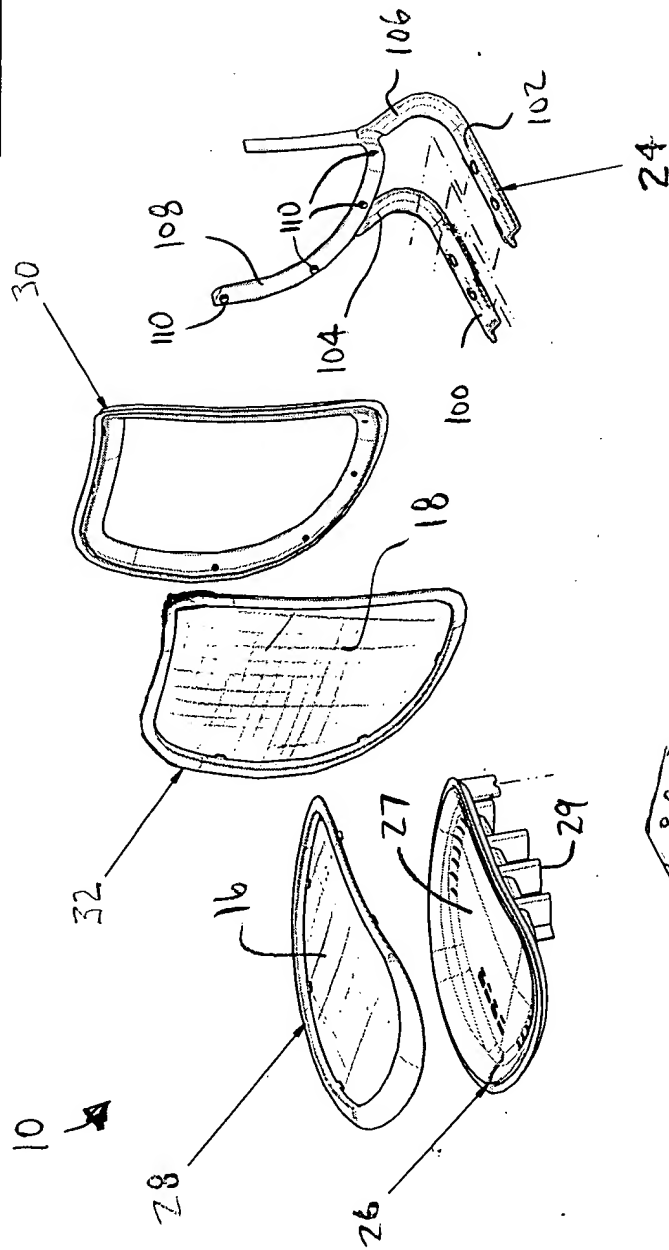


FIG. 2

FIG. 3

REV		ECN DESCRIPTION	DATE	BY
1				
2				
3				
4				

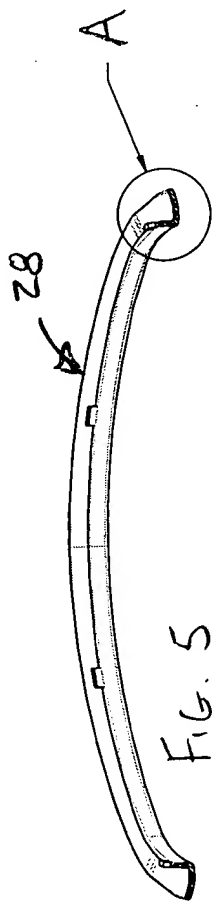


FIG. 5

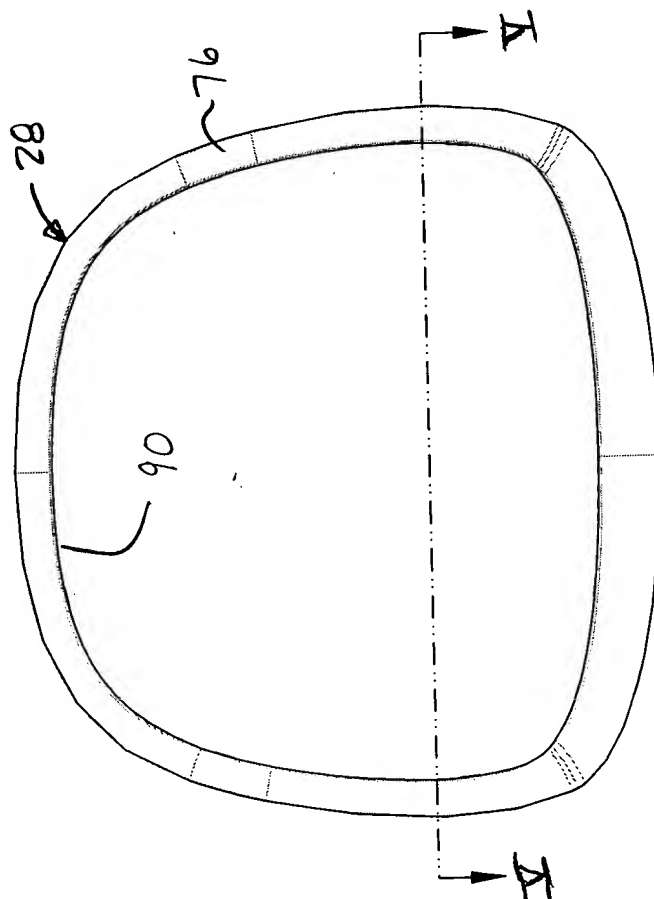


FIG. 3

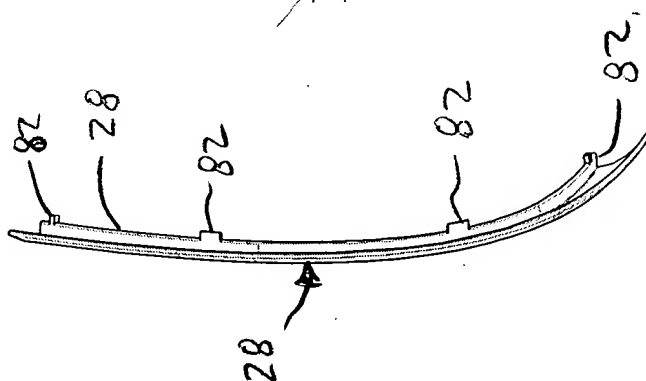
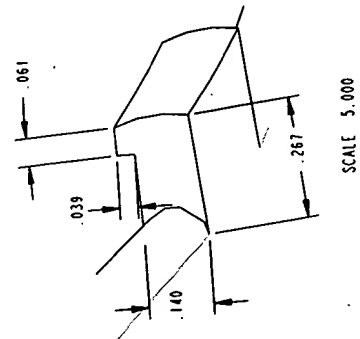


FIG. 4



SCALE 5.000

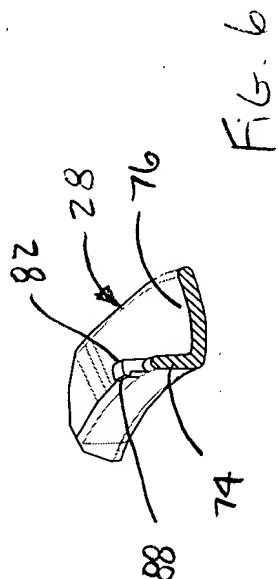


FIG. 6

FIG. 8

4

3

2

REV	ECN	DESCRIPTION	DATE	BY

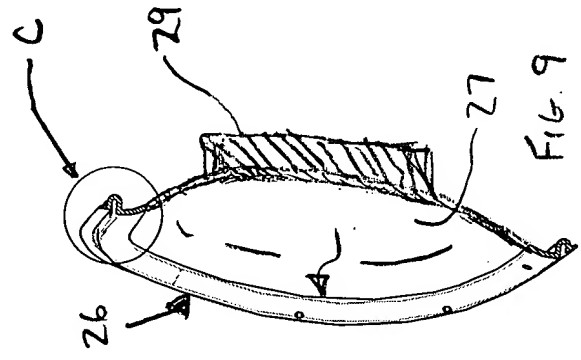
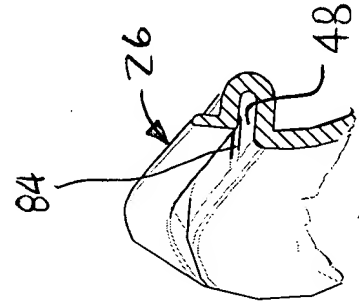
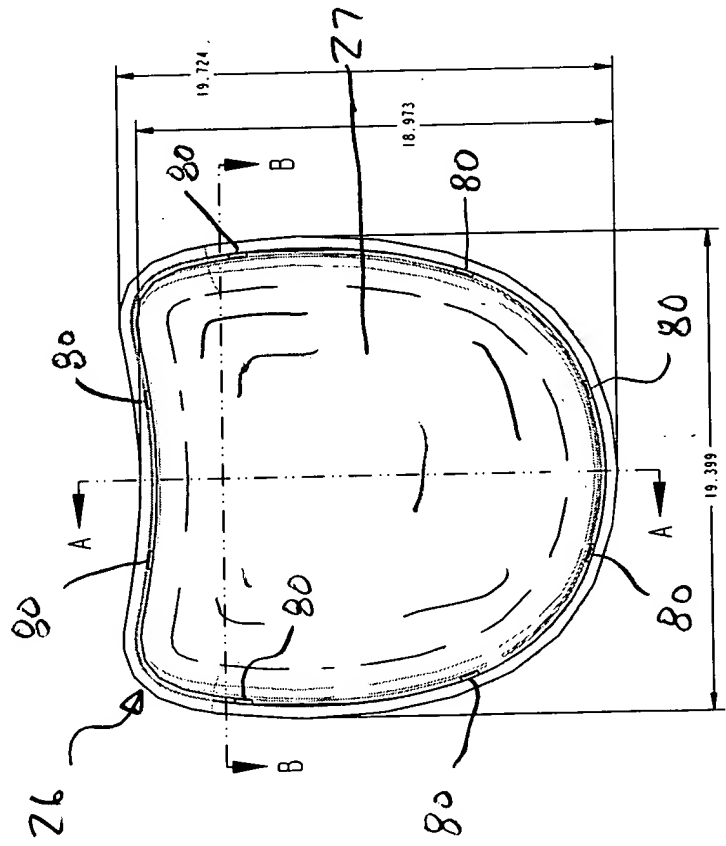
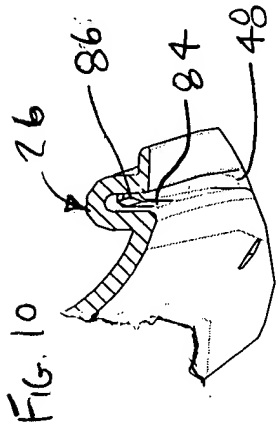
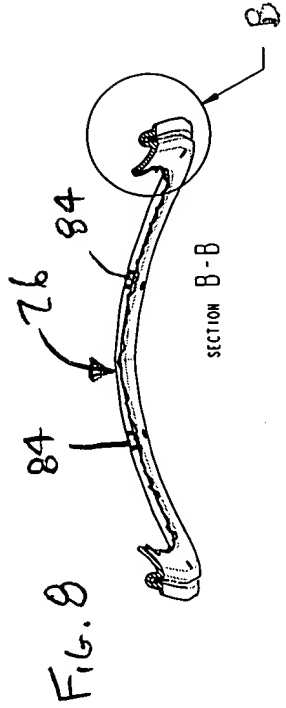
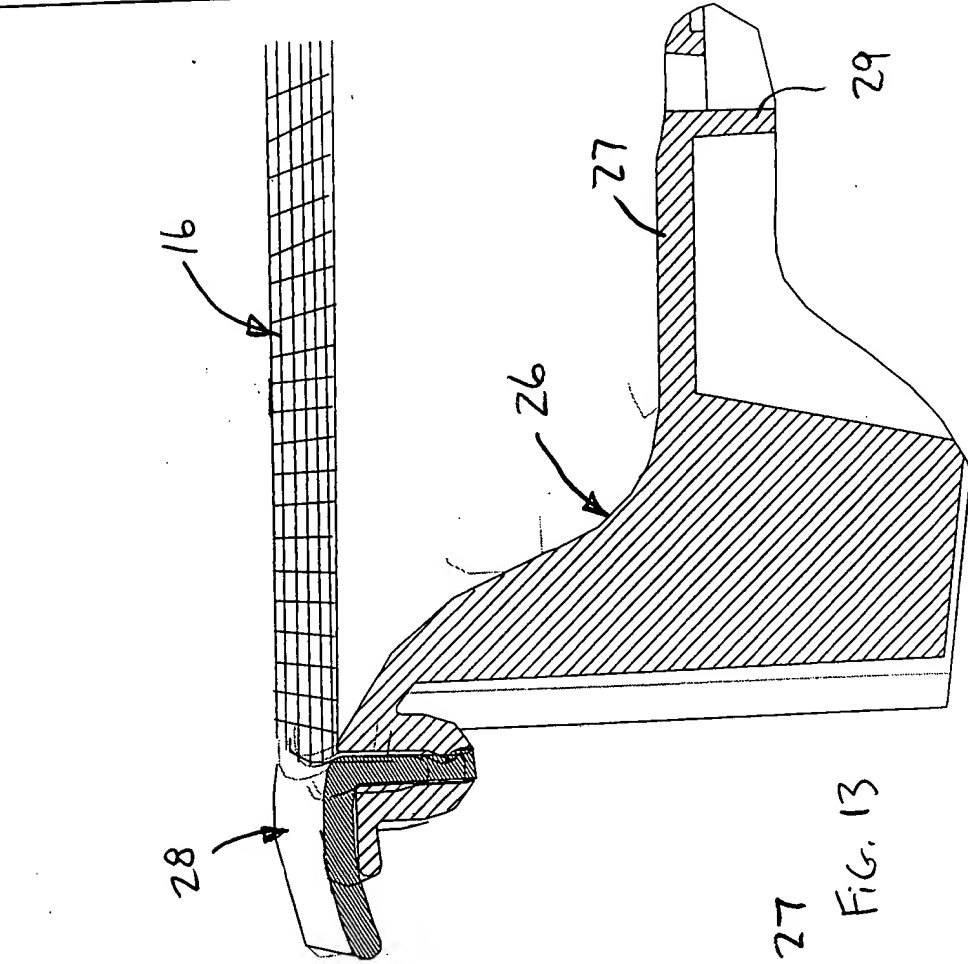


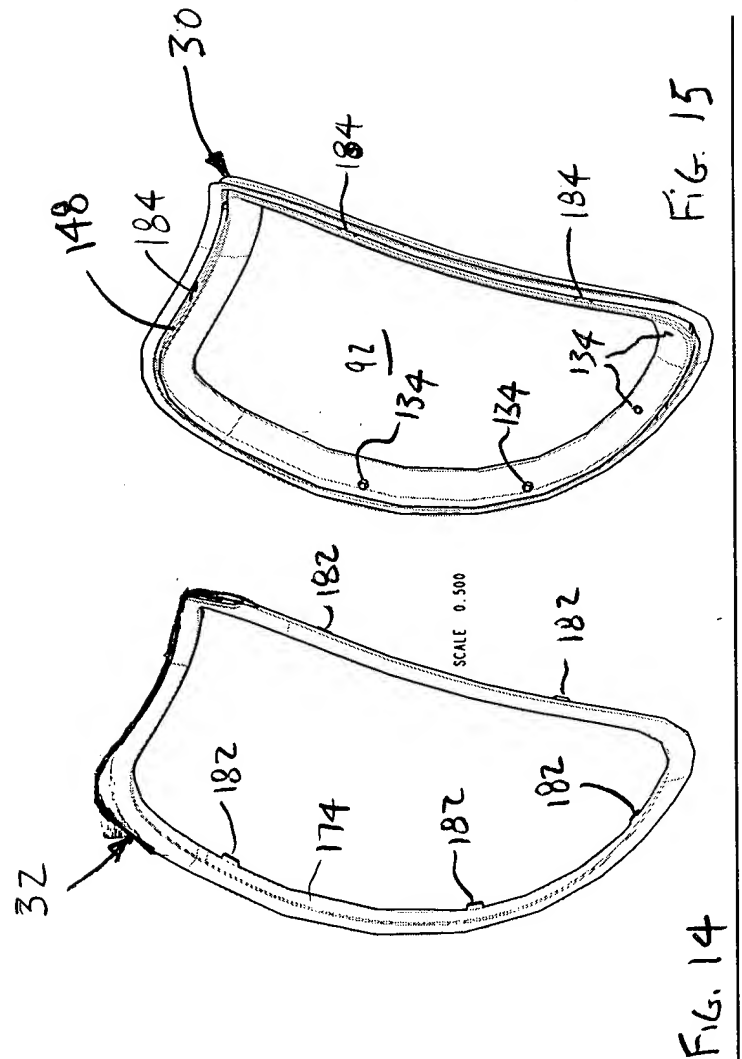
FIG. 7

[illegible]

116.12

Fig. 13

U.S. Patent and Trademark Office  
Washington, D.C. 20503  
www.uspto.gov



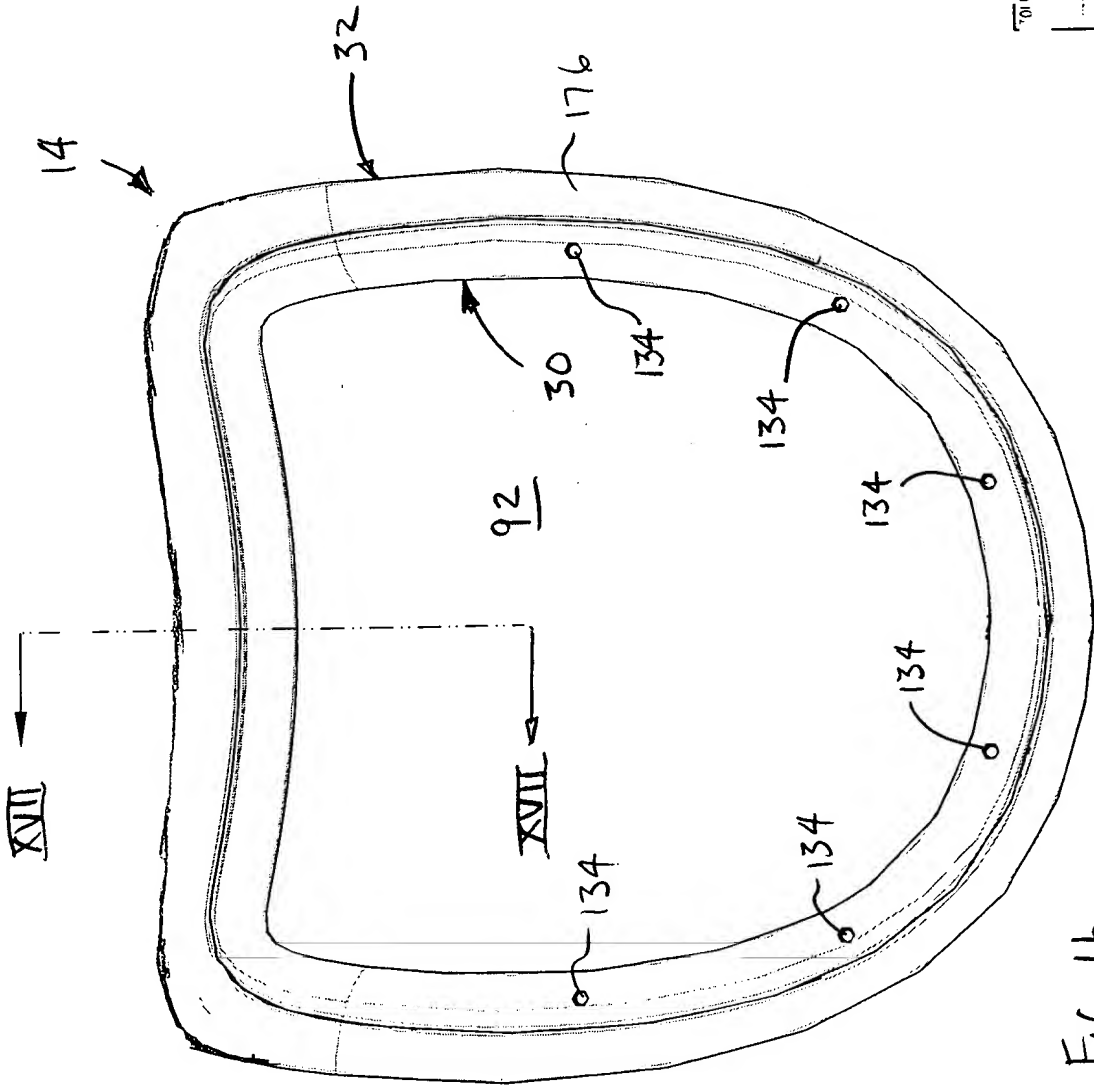
U.S. Patent and Trademark Office  
Department of Commerce  
Washington, D.C. 20530

REV	ECN	DESCRIPTION	DATE	BY

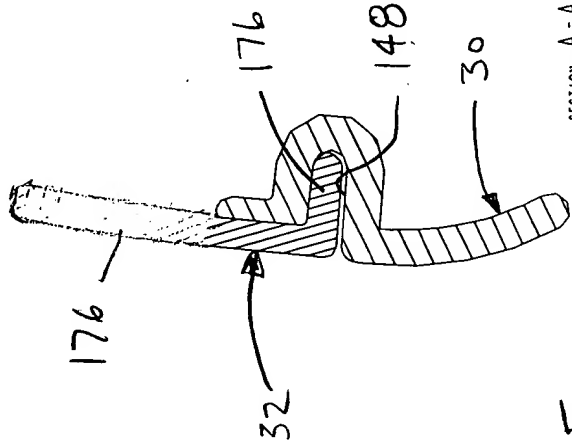
4

3

2



SCALE 0.500



SECTION A-A  
SCALE 2.000

FIG. 16

FIG. 17



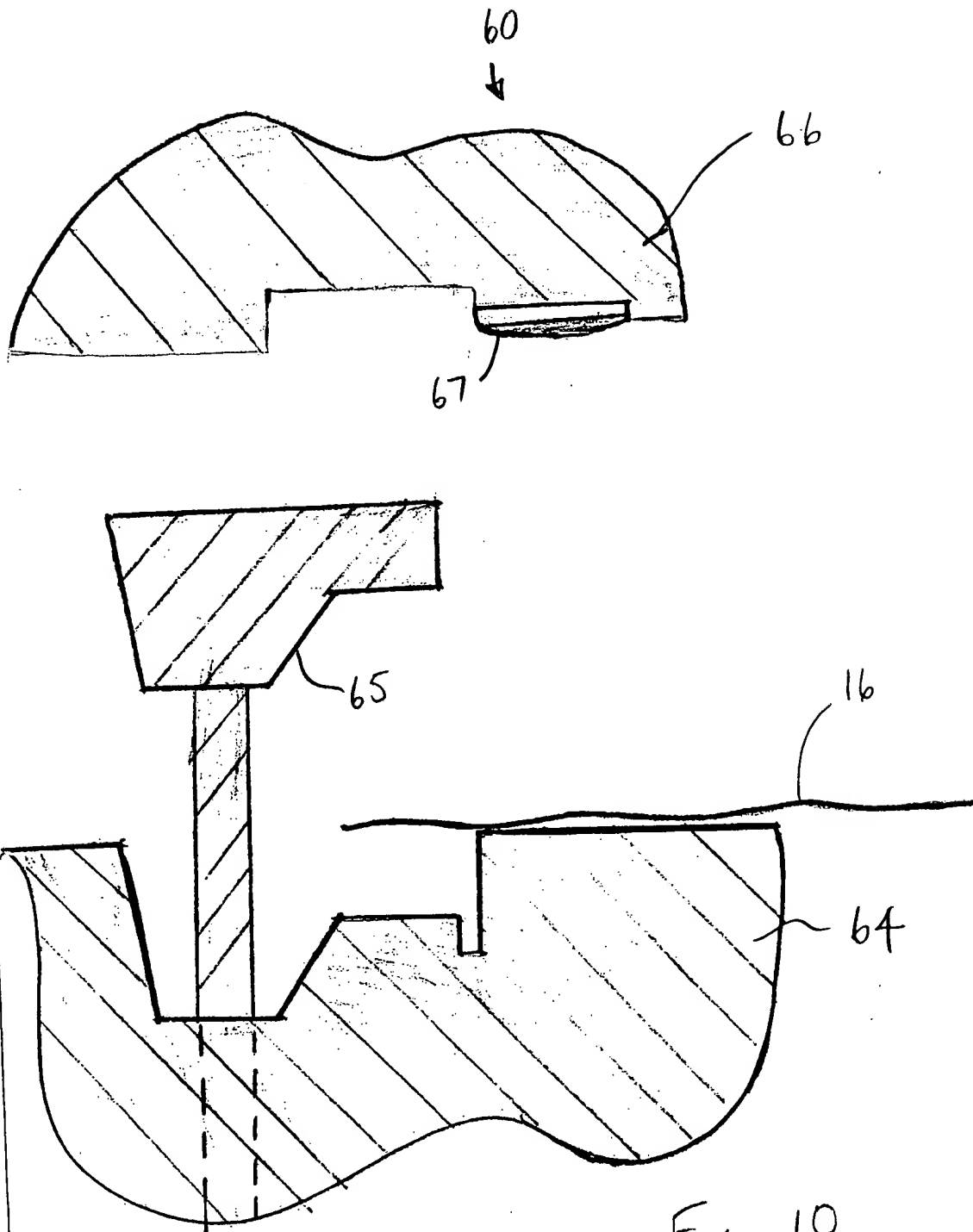


Fig. 18

